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structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
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NEWS 35 Apr 28 RDISCLOSURE now available on STN
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NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
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FILE 'HOME' ENTERED AT 07:20:42 ON 06 JUN 2003

=> fil reg

COST IN U.S. DOLLARS

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0.21

FILE 'REGISTRY' ENTERED AT 07:20:50 ON 06 JUN 2003

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DICTIONARY FILE UPDATES: 4 JUN 2003 HIGHEST RN 525536-93-0

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e diptheria

E1	1	DIPTH/BI
E2	1	DIPTHAL/BI
E3	17 -->	DIPHTHERIA/BI
E4	2	DIPHTHERIAE/BI
E5	2	DIPHTHERITICUM/BI
E6	1	DIPHTHOCARPILINE/BI
E7	1	DIPHTHYCARPI/BI
E8	1	DIPHTHYCARPIDI/BI
E9	1	DIPHTHYCARPIDINE/BI
E10	4	DIPTO/BI
E11	4	DIPTOCARP/BI
E12	2	DIPTOCARPINE/BI

=> s e3

<C

09/910,639

Page 3

L1

17 DIPHTHERIA/BI

=> d scan

<C

09/910,639

Page 4

L1 17 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN DNA (Mycobacterium leprae clone B42 22,781-nucleotide fragment) (9CI)
SQL 22781
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

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<C

09/910,639

Page 5

=> e copper

E1	1	COPOYLME/BI
E2	15	COPP/BI
E3	285307	--> COPPER/BI
E4	1	COPPER, GOLD/BI
E5	1	COPPERAS/BI
E6	1	COPPERBIS/BI
E7	1	COPPERCIDE/BI
E8	26	COPPERDI/BI
E9	1	COPPERDICHLORO/BI
E10	1	COPPERDICHLOROTHIOPHENE/BI
E11	1	COPPERDIVANADIUM/BI
E12	1	COPPERDIZINC/BI

=> e Cu

E1	1	CTYZINE/BI
E2	1	CTZ/BI
E3	253718	--> CU/BI
E4	1	CU+/BI
E5	1	CU++/BI
E6	1	CU,/BI
E7	30	CU,AG/BI
E8	1	CU,AG,AL/BI
E9	1	CU,AG,AL2O3/BI
E10	1	CU,AG,ALUMINUM/BI
E11	1	CU,AG,AS,CO,FE,PB,SB,SN,ZN/BI
E12	1	CU,AG,AS,FE,PB,SB,SN/BI

=> e Cu/cn

E1	1	CTX-CZ 5A/CN
E2	1	CTZ/CN
E3	0	--> CU/CN
E4	1	CU 0202/CN
E5	1	CU 0203/CN
E6	1	CU 0203T/CN
E7	1	CU 0803/CN
E8	1	CU 0825/CN
E9	1	CU 0890P/CN
E10	1	CU 1106P/CN
E11	1	CU 1107T/CN
E12	1	CU 112/CN

=> e cu 64

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FULL ESTIMATED COST

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=> s l1

L2 11 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 10 DUP REM L2 (1 DUPLICATE REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
 ACCESSION NUMBER: 2003:55536 CAPLUS
 DOCUMENT NUMBER: 138:84317
 TITLE: Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences
 AUTHOR(S): Strausberg, Robert L.; Feingold, Elise A.; Grouse, Lynette H.; Derge, Jeffery G.; Klausner, Richard D.; Collins, Francis S.; Wagner, Lukas; Shenmen, Carolyn M.; Schuler, Gregory D.; Altschul, Stephen F.; Zeeberg, Barry; Buetow, Kenneth H.; Schaefer, Carl P.;
 Bhat, Narayan K.; Hopkins, Ralph F.; Jordan, Heather; Moore, Troy; Max, Steve I.; Wang, Jun; Heich, Florence; Diatchenko, Luda; Marusina, Kate; Farmer, Andrew A.; Rubin, Gerald M.; Hong, Ling; Stapleton, Mark; Soares, M. Bento; Bonaldo, Maria P.; Casavant, Tom L.; Scheetz, Todd E.; Brownstein, Michael J.; Ustin, Ted B.; Toshiyuki, Shiraki; Carninci, Piero; Prange, Christa; Raha, Sam S.; Loquellano, Naomi A.; Peters, Garrick J.; Abramson, Rick D.; Mullahy, Sara J.; Bosak, Stephanie A.; McDwan, Paul J.; McKernan, Kevin J.; Malek, Joel A.; Gunaratne, Preethi H.; Richards, Stephen; Worley, Kim C.; Hale, Sarah; Garcia, Angela M.; Gay, Laura J.; Hulyk, Stephen W.; Villalon, Debbie K.; Muzny, Donna M.; Sodergren, J.; Lu, Xiuhua; Gibbs, Richard A.; Fahey, Jessica; Helton, Erin; Kettelman, Mark; Madan, Anuradha; Rodrigues, Stephanie; Sanchez, Amy; Whiting, Michelle;
 Madan, Anup; Young, Alice C.; Shevchenko, Yuriy; Bouffard, Gerard G.; Blakesley, Robert W.; Touchman, Jeffrey W.; Green, Eric D.; Dickson, Mark C.; Rodriguez, Alex C.; Grimwood, Jane; Schmutz, Jeremy; Myers, Richard M.; Butterfield, Yaron S. N.; Krzywinski, Martin I.; Skaleka, Ursula; Smailus, E.; Schnerch, Angelique; Schein, Jacqueline E.;
 Steven J. M.; Marra, Marco A.
 CORPORATE SOURCE: National Cancer Institute, NIH, Bethesda, MD, 20892-2580, USA
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2002), 99(26), 16899-16903
 CODEN: PNASAG; ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The National Institutes of Health Mammalian Gene Collection (MGC) Program is a multiinstitutional effort to identify and sequence a cDNA clone contg. a complete ORF for each human and mouse gene. ESTs were generated from libraries enriched for full-length cDNAs and analyzed to identify candidate full-ORF clones, which then were sequenced to high accuracy. The MGC has currently sequenced and verified the full ORF for a nonredundant set of >9000 human and >6000 mouse genes. Candidate full-ORF

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:636199 CAPLUS
 DOCUMENT NUMBER: 135:209895
 TITLE: Antibody library
 INVENTOR(S): Kurosawa, Yoshikazu; Akahori, Yasushi; Iba, Yoshitaka;
 Morino, Kazuhiko; Shinohara, Midori; Takahashi, Motohide; Okuno, Yoshinobu; Shiraki, Kimiyasu
 PATENT ASSIGNEE(S): Medical & Biological Laboratories Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062907	A1	20010830	WO 2001-JP1298	20010222
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, VN, VU, ZA, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001034125	A5	20010903	AU 2001-34125	20010222
EP 1264885	A1	20021211	EP 2001-906207	20010222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.: JP 2000-50543 A 20000222			WO 2001-JP1298 W 20010222	
AB An antibody library is prep'd. by selecting a light chain variable region capable of binding to the variable region of heavy chain to reproduce an active conformation and using the same. Because of being capable of maintaining the diversity of the heavy chain variable region at a high ratio in vitro, this antibody library is expected as enabling the acquisition of antibodies with various binding activities. Thus, anti-tetanus toxoid, anti-diphtheria toxoid, anti-influenza virus, and anti-varicella-zoster virus neutralizing lg. heavy and light chains were selected.				
REFERENCE COUNT: 6			THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE	
FORMAT				

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
 (Continued)
 clones for an addnl. 7800 human and 3500 mouse genes also have been identified. All MGC sequences and clones are available without restriction through public databases and clone distribution networks. [This abstr. record is one of eleven records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.]

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:319756 CAPLUS
 DOCUMENT NUMBER: 134:352262
 TITLE: Vaccine compositions
 INVENTOR(S): Murphy, John R.; O'Leary, Edward; Harrison, Robert J.
 PATENT ASSIGNEE(S): Advanced Microbial Solutions Corp., USA
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030384	A1	20010503	WO 2000-US29231	20001023
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.: US 1999-16193P P 19991022			US 1999-16193P P 19991022	
AB Disclosed are virulent or opportunistic prokaryotes in which metal ion-dependent gene regulation confers a growth or an infectious advantage. The prokaryote contains a DNA mol. contg. a sequence encoding a dominant, metal ion-independent repressor protein or a partially metal ion independent repressor protein. The prokaryotes are formulated into vaccine compns. and administered to a human or other animal to enhance protective immunity against infectious and diseases caused by prokaryotes in which metal ion-dependent gene regulation confers a growth or an infectious advantage.				
REFERENCE COUNT: 2			THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE	
FORMAT				

L3 ANSWER 4 OF 10 USPATFULL
 ACCESSION NUMBER: 2001:190895 USPATFULL
 TITLE: Identification of virulence determinants activators in prokaryotic pathogens
 INVENTOR(S): Murphy, John R., Boston, MA, United States
 Sun, Li, Oxford, United Kingdom
 PATENT ASSIGNEE(S): Boston Medical Center Corporation, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6309817	B1	20011030
APPLICATION INFO.:	US 1999-408618		19990930 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-102545P	19980930 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Stucker, Jeffrey	
ASSISTANT EXAMINER:	Winkler, Ulrike	
LEGAL REPRESENTATIVE:	Lerner, David, Littenberg, Krumholz & Mentlik, LLP	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1310	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a method for identifying activators of a transition metal-dependent repressor of virulence gene expression in infectious prokaryotic pathogens. The method utilizes genetic circuitry that represents the response of a given prokaryote to nutritional stress and the expression of genes that contribute to the establishment of the infectious process. The exposure of recombinant cells or a cell-free system containing the genetic circuitry to a non-metal ion test substance that activates the repressor produces a detectable response. The method is applicable for any prokaryote employing metal ion-dependent repressors to regulate specific gene expression, specifically as it pertains to virulence determinant expression.

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS (Continued)
 sequence. The method utilizes genetic circuitry that represents the response of a given prokaryote to nutritional stress and the expression of genes that contribute to the establishment of the infectious process.
 The exposure of recombinant cells or a cell-free system contg. the genetic circuitry to a non-metal ion test substance that activates the repressor produces a detectable response. The method is applicable for any prokaryote employing metal ion-dependent repressors to regulate specific gene expression, specifically as it pertains to virulence determinant expression and can be used for antibacterial drug screening.
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2000:227822 CAPLUS
 DOCUMENT NUMBER: 132:275137
 TITLE: PSDT (positive selection DtxR homolog and targets) system for identifying virulence determinant activators in prokaryotic pathogens and screening for antibacterial drugs
 INVENTOR(S): Murphy, John R.; Sun, Li
 PATENT ASSIGNEE(S): Boston Medical Center Corporation, USA
 SOURCE: PCT Int. Appl., 49 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000018964	A1	20000406	WO 1999-US22770	19990930
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CE, DE, DK, DM, ES, FI, GB, GR, HE, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9965043	A1	20000417	AU 1999-65043	19990930
US 6309817	B1	20011030	US 1999-408618	19990930
PRIORITY APPLN. INFO.:			US 1998-102545P	19980930
			US 1999-408618	19990930
			WO 1999-US22770	19990930

AB A method based on PSDT (pos. selection DtxR homolog and targets) system for identifying activators of a transition metal-dependent repressor of virulence gene expression in infectious prokaryotic pathogens is described. The initial PSDT system consists of a lysogenic *Escherichia coli* host strain with an integrated λ phage carrying the reporter gene for CAT (chloramphenicol acetyltransferase) or CAT-LacZ fusion protein under the control of the promoter and operator of *tetA* gene (*tetA*PO, repressed by TetR). The host bacterial strain also contains two plasmids, one carries the *tetR* gene under the control of diphtheria toxin gene promoter and operator (*toxPO*) and the other carries a functional allele of DtxR (diphtheria toxin gene repressor). In the presence of iron, the cofactor of DtxR, DtxR can bind to *toxPO* to repress the transcription of TetR which allows constitutive expression of the reporter gene and the host phenotype becomes chloramphenicol resistant (Cmr) and β -galactosidase activity can be detected. In contrast, if iron chelator 2,2'-dipyridyl (DP) is added to the media, DtxR can not be activated and TetR is expressed to repress the reporter gene and the host phenotype becomes Cms and no β -galactosidase activity can be detected. The system with slight modification can be used to isolate iron-independent self-activating DtxR (SAD) mutants and rapidly screen for functionally equiv. DtxR homologs and their cognate novel operator

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:389708 CAPLUS
 DOCUMENT NUMBER: 129:77224
 TITLE: Deciphering the biology of *Mycobacterium tuberculosis* from the complete genome sequence
 AUTHOR(S): Cole, S. T.; Brosch, R.; Parkhill, J.; Garnier, T.; Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier, K.; Gas, S.; Barry, C. E., III.; Tekala, F.; Badcock, K.; Basham, D.; Brown, D.; Chillingworth, T.; Connor, R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles, Hamlin, N.; Holroyd, S.; Hornsby, T.; Jagels, K.; Krogh, A.; McLean, J.; Moule, S.; Murphy, L.; Oliver, K.; Osborne, J.; Quail, M. A.; Rajandream, M.-A.; Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.; Squares, R.; Squares, S.; Sulton, J. E.; Taylor, K.; Whitehead, S.; Barrell, B. G.
 Sanger Cent., Wellcome Trust Genome Campus, Hinxton, CB10 1SA, UK
 SOURCE: Nature (London) (1998), 393(6685), 537-544
 CODEN: NATUAS; ISSN: 0028-0836
 PUBLISHER: Macmillan Magazines
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Countless millions of people have died from tuberculosis, a chronic infectious disease caused by the tubercle bacillus. The complete genome sequence of the best-characterized strain of *Mycobacterium tuberculosis*, H37RV, was detd. and analyzed in order to improve our understanding of the biol. of this slow-growing pathogen and to help the conception of new prophylactic and therapeutic interventions. The genome comprises 4,411,529 base pairs, contains around 4000 genes, and has a very high G+C content that is reflected in the biased amino acid content of the proteins. *M. tuberculosis* differs radically from other bacteria in that a very large portion of its coding capacity is devoted to the prodn. of enzymes involved in lipogenesis and lipolysis, and to 2 new families of glycine-rich proteins with a repetitive structure that may represent a source of antigenic variation.
 REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

LJ ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:773005 CAPLUS
 DOCUMENT NUMBER: 130:120325
 TITLE: Deciphering the biology of *Mycobacterium tuberculosis* from the complete genome sequence. [Erratum to document cited in CA129:77224]
 AUTHOR(S): Cole, S. T.; Broesch, R.; Parkhill, J.; Garnier, T.; Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier, K.; Gas, S.; Barry, C. E., III; Tekaia, F.; Badcock, K.; Basham, D.; Brown, D.; Chillingworth, T.; Connor, R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles, S.; Hamlin, N.; Holroyd, S.; Horneby, T.; Jagels, K.; Krogh, A.; McLean, J.; Moule, S.; Murphy, L.; Oliver, K.; Osborne, J.; Quail, M. A.; Rajandream, M.-A.; Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.; Squares, R.; Squares, S.; Sulten, J. E.; Taylor, K.; Whitehead, S.; Barrell, B. G.
 CORPORATE SOURCE: Sanger Cent., Wellcome Trust Genome Campus, Hinxton, CB10 1SA, UK
 SOURCE: Nature (London) (1998), 395(6707), 190-198
 CODEN: NATUAS; ISSN: 0028-0836
 PUBLISHER: Macmillan Magazines
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Table 1 was published with some symbols missing; the correct version can be found at <http://www.sanger.ac.uk> and is given here. In Fig. 2, Rv0649 was incorrectly labeled as fadD37 instead of fadD2. Two of the genes for mycolyl transferases were inverted: Rv0129c encodes antigen 85C and not 85C' as stated, whereas Rv1803c codes for the secreted protein MPT51 and not antigen 85C (Infect. Immun. 59, 372-382; 1991); Rv1803c is now designated fbpD. The sequence of Rv0746 from *M. bovis* BCG-Pasteur presented in Fig. 5 b was incorrect and should have shown a 16-codon deletion instead of 29.

LJ ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995:978371 CAPLUS
 DOCUMENT NUMBER: 124:108085
 TITLE: Genomic organization of the mycobacterial sigma gene cluster
 AUTHOR(S): Doukhan, Laurence; Predich, Mima; Nair, Gopalan; Dussurget, Olivier; Mandic-Mulec, Ines; Cole, Stewart T.; Smith, Douglas R.; Smith, Issar
 CORPORATE SOURCE: Dep. of Microbiology, Public Health Res. Inst., New York, NY, 10016, USA
 SOURCE: Gene (1995), 165(1), 67-70
 CODEN: GENED6; ISSN: 0378-1119
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Sigma factors .sigma.A and .sigma.B and their structural genes, *mysA* and *mysB*, resp., have been previously described in *Mycobacterium smegmatis*. Corresponding regions in the *M. tuberculosis* and *M. leprae* chromosomes were sequenced, and the 2 homologous genes were found. Chromosomal linkage and the deduced amino acid (aa) sequences of the 2 genes show very high similarity in the 3 species of mycobacteria. Two other open reading frames (ORF) were also found in these clusters. OrfX, which has an unknown function, is located between *mysA* and *mysB*. The other ORF, located downstream from *mysB*, encodes a homolog of DtxR, the iron regulatory protein from *Corynebacterium diphtheriae* (Cd).

LJ ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:556747 CAPLUS
 DOCUMENT NUMBER: 127:273529
 TITLE: Multiplex sequencing of 1.5 Mb of the *Mycobacterium leprae* genome
 AUTHOR(S): Smith, Douglas R.; Richterich, Peter; Rubenfield, Marc; Rice, Philip W.; Butler, Carol; Lee, Hong-Mei; Kiret, Susan; Gundersen, Kristin; Abendschan, Kari; Xu, Qinxue; Chung, Maria; Deloughery, Craig
 Aldredge, Tyler; Maher, James; Lundstrom, Ronald; Tulig, Craig; Falls, Kathleen; Imrich, Joan; Torrey, Dana; Engelstein, Marcy; Breton, Gary; Madan, Deepika; Nietupski, Raymond; Seitz, Bruce; Connelly, Steven; McDougall, Steven; Safer, Hershel; Gibson, Rene; Doucette-Stamm, Lynn; Eiglmeier, Karin; Bergh, Staffan; Cole, Stewart T.; Robinson, Keith; Richterich, Laura; Johnson, Jason; Church, George M.; Mao, Jen-I
 CORPORATE SOURCE: Collaborative Res. Div., Genome Therapeutics Corp., Waltham, MA, 02154, USA
 SOURCE: Genome Research (1997), 7(8), 802-819
 CODEN: GEREFS; ISSN: 1088-9051
 PUBLISHER: Cold Spring Harbor Laboratory Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The nucleotide sequence of 1.5 Mb of genomic DNA from *Mycobacterium leprae* was detd. using computer-assisted multiplex sequencing technol. This brings the 2.8-Mb *M. leprae* genome sequence to ~64% completion. The sequences, derived from 43 recombinant cosmids, contain 1046 putative protein-coding genes, 44 repetitive regions, 3 rRNAs, and 15 tRNAs. The gene d. of one per 1.4 kb is slightly lower than that of *Mycoplasma* (1.2 kb). Of the protein coding genes, 441 have significant matches to genes with well-defined functions. Comparison of 1157 *M. leprae* and 1564 *Mycobacterium tuberculosis* proteins shows a complex mosaic of homologous genomic blocks with up to 22 adjacent proteins in conserved map order. Matches to known enzymic, antigenic, membrane, cell wall, cell division, multidrug resistance, and virulence proteins suggest therapeutic and vaccine targets. Unusual features of the *M. leprae* genome include large polyketide synthase (pks) operons, inteins, and highly fragmented pseudogenes.

LJ ANSWER 10 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 1990:425483 BIOSIS
 DOCUMENT NUMBER: BA90:86284
 TITLE: MOLECULAR CLONING AND DNA SEQUENCE ANALYSIS OF A DIPHTHERIA
 TOX IRON-DEPENDENT REGULATORY ELEMENT DTX-R FROM CORYNEBACTERIUM-DIPHTHERIAE.
 AUTHOR(S): BOYD J; OZA M N; MURPHY J R
 CORPORATE SOURCE: EVANS DEP. CLIN. RES. DEP. MED., THE UNIV. HOSP., BOSTON UNIV. MED. CENT., BOSTON, MA 02118.
 SOURCE: PROC NATL ACAD SCI U S A, (1990) 87 (15), 5968-5972.
 CODEN: PNASAS; ISSN: 0027-8424.
 FILE SEGMENT: BA; OLD
 LANGUAGE: English
 AB Although the structural gene for diphtheria toxin, *tox*, is carried by a family of closely related corynebacteriophages, the regulation of *tox* expression is controlled, to a large extent, by its bacterial host *Corynebacterium diphtheriae*. Optimal yields of *tox* gene products are obtained only when iron becomes the growth-rate-limiting substrate. Previous studies suggest that regulation of *tox* expression is mediated through an iron-binding aporepressor. To facilitate molecular cloning of the *tox* regulatory element from genomic libraries of *C. diphtheriae*, we constructed a *tox* promoter/operator (*toxPO*)-lacZ transcriptional fusion in *Escherichia coli* strain DH5.alpha.. We report the molecular cloning and nucleic acid sequence of a diphtheria toxin iron-dependent regulatory element, *dtxR*, and demonstrate that expression of .beta.-galactosidase from the *toxPO*-lacZ fusions is regulated by *dtxR*-encoded protein in an iron-sensitive manner. In addition, we show that expression of the *toxPO*-lac2 fusion is not affected by the *E. coli* iron-regulatory protein Fur and that the *dtxR* protein does not inhibit expression of fur-regulated outer-membrane proteins.

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09/910,639

Page 10

=> s l3 and (radionuclid? or radiolabel? or radioactiv? or label?)

L4 2 L3 AND (RADIONUCLID? OR RADIOLABEL? OR RADIOACTIV? OR LABEL?)

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 2 DUP REM L4 (0 DUPLICATES REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

LS ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:636199 CAPLUS
DOCUMENT NUMBER: 135:209895
TITLE: Antibody library
INVENTOR(S): Kurosawa, Yoshikazu; Akahori, Yasushi; Iba, Yoshitaka;
Morino, Kazuhiko; Shinohara, Midori; Takahashi, Motohide; Okuno, Yoshinobu; Shiraki, Kimiyasu
PATENT ASSIGNEE(S): Medical + Biological Laboratories Co., Ltd., Japan
SOURCE: PCT Int. Appl., 181 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062907	A1	20010830	WO 2001-JP1298	20010222
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, QA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2001034125	A5	20010903	AU 2001-34125	20010222
EP 1264885	A1	20021211	EP 2001-906207	20010222
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			JP 2000-50543 A 20000222	
			WO 2001-JP1298 W 20010222	

AB An antibody library is prepd. by selecting a light chain variable region capable of binding to the variable region of heavy chain to reproduce an active conformation and using the same. Because of being capable of maintaining the diversity of the heavy chain variable region at a high ratio in vitro, this antibody library is expected as enabling the acquisition of antibodies with various binding activities. Thus, anti-tetanus toxoid, anti-diphtheria toxoid, anti-influenza virus, and anti-varicella-zoster virus neutralizing Ig. heavy and light chains were selected.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

LS ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:773005 CAPLUS
DOCUMENT NUMBER: 130:120325
TITLE: Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence. [Erratum to document cited in CA129:77224]
AUTHOR(S): Cole, S. T.; Brosch, R.; Parkhill, J.; Garnier, T.; Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier, K.; Gas, S.; Barry, C. E., III; Tekaia, F.; Badcock, K.; Basham, D.; Brown, D.; Chillingworth, T.; Connor, R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles, Hamlin, N.; Holroyd, S.; Hornsby, T.; Jagels, K.; Krogh, A.; McLean, J.; Moule, S.; Murphy, L.; Oliver, K.; Osborne, J.; Quail, M. A.; Rajandream, M.-A.; Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.; Squares, R.; Squares, S.; Sulston, J. E.; Taylor, K.; Whitehead, S.; Barrell, B. G.
CORPORATE SOURCE: Sanger Cent., Wellcome Trust Genome Campus, Hinxton, CB10 1SA, UK
SOURCE: Nature (London) (1998), 396(6707), 190-198
CODEN: NATUAS; ISSN: 0028-0836
PUBLISHER: Macmillan Magazines
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Table 1 was published with some symbols missing; the correct version can be found at <http://www.sanger.ac.uk> and is given here. In Fig. 2, Rv0649 was incorrectly labeled as fadD37 instead of fadD2. Two of the genes for mycolyl transferases were inverted: Rv0129c encodes antigen 85C and not 85c' as stated, whereas Rv3803c codes for the secreted protein MPT51 and not antigen 85C (Infect. Immun. 59, 372-382; 1991). Rv3803c is now designated fbpD. The sequence of Rv0746 from M. bovis BCG-Pasteur presented in Fig. 5 b was incorrect and should have shown a 16-codon deletion instead of 29.

=> s (immunotoxin? and (radiolabel? or radionuclid? or radioactiv? or label?))
L6 3724 (IMMUNOTOXIN? AND (RADIOLABEL? OR RADIONUCLID? OR RADIOACTIV?
OR LABEL?))

=> s l6 and (pathogen?)
L7 812 L6 AND (PATHOGEN?)

=> s l7 and (diseas?)
L8 785 L7 AND (DISEAS?)

=> s l8 and antibod?
L9 779 L8 AND ANTIBOD?

=> s l9 and (disease(p)pathogen? or diseases(p)pathogen?)
L10 404 L9 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?)

=> s l9 and (disease(p)pathogen? or diseases(p)pathogen?) and cell?
3 FILES SEARCHED...
L11 403 L9 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?) AND
CELL?

=> s l10 and (disease(p)pathogen? or diseases(p)pathogen?) and cell?
3 FILES SEARCHED...
L12 403 L10 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?) AND
CELL?

=> s l12 and (tox?)
L13 389 L12 AND (TOX?)

=> s l13 and (sFv(w)antibod?)
L14 137 L13 AND (SFV(W) ANTIBOD?)

=> s l14 and (immunotoxin(p)radiolabel? or immunotoxins(p)radiolabel? or
immunotoxin(p)radionuclid? or immunotoxins(p)radionuclid?)
L15 10 L14 AND (IMMUNOTOXIN(P) RADIOLABEL? OR IMMUNOTOXINS(P) RADIOLABE
L? OR IMMUNOTOXIN(P) RADIONUCLID? OR IMMUNOTOXINS(P) RADIONUCLID
?)

=> dup rem l5
PROCESSING COMPLETED FOR L5
L16 2 DUP REM L5 (0 DUPLICATES REMOVED)

=> dup rem l15
PROCESSING COMPLETED FOR L15
L17 10 DUP REM L15 (0 DUPLICATES REMOVED)

=> d ibib ab 1-
YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

L17 ANSWER 1 OF 10 USPATFULL
ACCESSION NUMBER: 2003:152892 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003:104558 A1 2003:0605
APPLICATION INFO.: US 2002-226739 A1 2002:0823 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING Continuation of Ser. No. WO

2000-US14042,
filed on 22 May 2000, PENDING

PRIORITY INFORMATION:
NUMBER DATE
WO 1999-US20111 1999:0901
WO 1999-US20594 1999:0908
WO 1999-US21090 1999:0915
WO 1999-US21547 1999:0915
WO 1999-US28133 1999:1130
WO 1999-US28301 1999:1201
WO 1999-US28565 1999:1202
WO 2000-US219 2000:0105
WO 2000-US4341 2000:0218
WO 2000-US4342 2000:0218
WO 2000-US4414 2000:0222
WO 2000-US5601 2000:0301
WO 2000-US5841 2000:0302
WO 2000-US7377 2000:0320
WO 2000-US8439 2000:0330

L17 ANSWER 2 OF 10 USPATFULL
ACCESSION NUMBER: 2003:86798 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David, Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Kuo, Sophia S., San Francisco, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Shelton, David L., Oakland, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

NUMBER KIND DATE
PATENT INFORMATION: US 2003:060406 A1 2003:0327
APPLICATION INFO.: US 2001-918585 A1 2001:0730 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-40220, filed on 17 Mar 1998, PENDING Continuation of Ser. No. US 1998-105413, filed on 26 Jun 1998, PENDING Continuation of Ser. No. US 1998-168978, filed on 7 Oct 1998, PENDING Continuation of Ser. No. US 1998-184216, filed on 2 Nov 1998, ABANDONED Continuation of Ser. No. US 1998-187368, filed on 6 Nov 1998, PENDING Continuation of Ser. No. US 1998-202054, filed on 7 Dec 1998, PENDING Continuation of Ser. No. US 1998-218517, filed on 23 Dec 1998, ABANDONED Continuation of Ser. No. US 1999-254465, filed on 5 Mar 1999, PENDING Continuation of Ser. No. US 1999-265686, filed on 10 Mar 1999, PENDING Continuation of Ser. No. US 1999-267213, filed on 13 Mar 1999, ABANDONED Continuation of Ser. No. US 1999-284291, filed on 12 Apr 1999, ABANDONED Continuation of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING Continuation of Ser. No. US 1999-380137, PENDING Continuation of Ser. No. US 1999-380138, filed on 25 Aug 1999, PENDING Continuation of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation of Ser. No. US 2000-709238, filed on 8

L17 ANSWER 1 OF 10 USPATFULL (Continued)
WO 2000-US13358 2000:0515
WO 2000-US13705 2000:0517
WO 2000-US14042 2000:0522
WO 2000-US14941 2000:0530
WO 2000-US15264 2000:0602
WO 2000-US22031 2000:0811
WO 2000-US23328 2000:0824
WO 2000-US23522 2000:0823
WO 2000-US32678 2000:1201
WO 2001-US6520 2001:0228
WO 2001-US17443 2001:0530
WO 2001-US17800 2001:0601
WO 2001-US19692 2001:0620
WO 2001-US21066 2001:0629
WO 2001-US21735 2001:0709
US 1999-139695P 1999:0615 (60)
US 1999-145070P 1999:0720 (60)
US 1999-145698P 1999:0726 (60)
US 1999-149396P 1999:0817 (60)
US 1999-169495P 1999:1207 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson & Bear, 16th Floor, 620 Newport Center Drive, Newport Beach, CA, 92660
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 11726
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 2 OF 10 USPATFULL (Continued)
2000, PENDING Continuation of Ser. No. US 2000-723749, filed on 27 Nov 2000, PENDING Continuation of Ser. No. US 2000-747259, filed on 20 Dec 2000, PENDING Continuation of Ser. No. US 2001-816744, filed on 22 Mar 2001, PENDING Continuation of Ser. No. US 2001-816920, filed on 22 Mar 2001, PENDING
Continuation of Ser. No. US 2001-854280, filed on 10 May 2001, PENDING Continuation of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING Continuation of Ser. No. US 2001-872035, filed on 1 Jun 2001, PENDING Continuation of Ser. No. US 2001-874503, filed on 5 Jun 2001, PENDING Continuation of Ser. No. US 2001-882636, filed on 14 Jun 2001, PENDING Continuation of Ser. No. US 2001-886342, filed on 19 Jun 2001, PENDING

NUMBER DATE
PRIORITY INFORMATION: WO 1998-US21141 1998:1007
WO 1998-US24855 1998:1120
WO 1999-US106 1999:0105
WO 1999-US5028 1999:0308
WO 1999-US5190 1999:0310
WO 1999-US10733 1999:0514
WO 1999-US12252 1999:0602
WO 1999-US28133 1999:1130
WO 1999-US28565 1999:1202
WO 1999-US30095 1999:1216
WO 1999-US31243 1999:1230
WO 1999-US31274 1999:1230
WO 2000-US219 2000:0105
WO 2000-US277 2000:0106
WO 2000-US376 2000:0106
WO 2000-US3565 2000:0211
WO 2000-US4341 2000:0218
WO 2000-US5841 2000:0302
WO 2000-US7532 2000:0321
WO 2000-US5004 2000:0224
WO 2000-US6319 2000:0310
WO 2000-US8439 2000:0330
WO 2000-US13705 2000:0517
WO 2000-US14042 2000:0522
WO 2000-US14941 2000:0530
WO 2000-US15264 2000:0602
WO 2000-US20710 2000:0728
WO 2000-US23328 2000:0824
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WO 2000-US34956 2000:1220
WO 2001-US6520 2001:0228
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WO 2001-US17092 2001:0525
WO 2001-US17800 2001:0601
WO 2001-US19692 2001:0620
WO 2001-US21066 2001:0629
WO 2001-US21735 2001:0709
US 1997-62250P 1997:1017 (60)
US 1997-64249P 1997:1103 (60)
US 1997-65311P 1997:1113 (60)
US 1997-66364P 1997:1121 (60)

L17 ANSWER 2 OF 10 USPATFULL (Continued)

US 1998-77450P 19980310 (60)
 US 1998-77632P 19980311 (60)
 US 1998-77641P 19980311 (60)
 US 1998-77649P 19980311 (60)
 US 1998-77791P 19980312 (60)
 US 1998-78004P 19980313 (60)
 US 1998-78886P 19980320 (60)
 US 1998-78936P 19980320 (60)
 US 1998-78910P 19980320 (60)
 US 1998-78939P 19980320 (60)
 US 1998-79294P 19980325 (60)
 US 1998-79656P 19980326 (60)
 US 1998-79664P 19980327 (60)
 US 1998-79689P 19980327 (60)
 US 1998-79663P 19980327 (60)
 US 1998-79728P 19980327 (60)
 US 1998-79786P 19980327 (60)
 US 1998-79920P 19980330 (60)
 US 1998-79923P 19980330 (60)
 US 1998-80105P 19980331 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

NUMBER OF CLAIMS:

57

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

237 Drawing Page(s)

LINE COUNT:

21248

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptide of the present invention.

L17 ANSWER 3 OF 10 USPATFULL

ACCESSION NUMBER:

2003:64781 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S):

Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
 Baker, Kevin P., Darnestown, MD, UNITED STATES
 Botstein, David A., Belmont, CA, UNITED STATES
 Desnoyers, Luc, San Francisco, CA, UNITED STATES
 Eaton, Dan L., San Rafael, CA, UNITED STATES
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES
 Fong, Sherman, Alameda, CA, UNITED STATES
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES
 Goddard, Audrey, San Francisco, CA, UNITED STATES
 Godowski, Paul J., Hillsborough, CA, UNITED STATES
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 Stewart, Timothy A., San Francisco, CA, UNITED STATES
 Tumas, Daniel, Orinda, CA, UNITED STATES
 Watanabe, Colin K., Moraga, CA, UNITED STATES
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
 Wood, William I., Hillsborough, CA, UNITED STATES
 Zhang, Zemin, Foster City, CA, UNITED STATES
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER	KIND	DATE
US 2003044902	A1	20030306
US 2002-66193	A1	20020201 (10)

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

NUMBER	DATE
WO 1998-US19093	19980914
WO 1998-US19330	19980916
WO 1998-US19437	19980917
WO 1998-US24855	19981120
WO 1998-US25108	19981201
WO 1998-US25190	19981125
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WO 1999-US12252	19990602
WO 1999-US20111	19990901
WO 1999-US20594	19990908
WO 1999-US21090	19990915
WO 1999-US21547	19990915
WO 1999-US28301	19991201
WO 1999-US28313	19991130
WO 1999-US28565	19991202
WO 1999-US10999	19991220
WO 2000-US219	20000105

PRIORITY INFORMATION:

L17 ANSWER 3 OF 10 USPATFULL (Continued)

WO 2000-US4341 20000218
 WO 2000-US4342 20000218
 WO 2000-US4414 20000222
 WO 2000-US5601 20000301
 WO 2000-US5841 20000302
 WO 2000-US6471 20000309
 WO 2000-US7377 20000320
 WO 2000-US8439 20000330
 WO 2000-US13358 20000515
 WO 2000-US13705 20000517
 WO 2000-US14042 20000522
 WO 2000-US14941 20000530
 WO 2000-US15264 20000602
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 WO 2000-US23328 20000824
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 WO 2000-US2678 20001201
 WO 2001-US6520 20010228
 WO 2001-US17443 20010530
 WO 2001-US17800 20010601
 WO 2001-US19692 20010620
 WO 2001-US21066 20010629
 WO 2001-US21735 20010709

US 1997-56974P 19970826 (60)
 US 1997-59115P 19970917 (60)
 US 1997-59263P 19970918 (60)
 US 1997-59588P 19970919 (60)
 US 1997-62285P 19971017 (60)
 US 1997-62816P 19971024 (60)
 US 1997-63082P 19971024 (60)
 US 1997-63329P 19971027 (60)
 US 1997-63733P 19971029 (60)
 US 1997-66364P 19971121 (60)
 US 1997-66840P 19971125 (60)
 US 1997-69694P 19971216 (60)
 US 1998-74086P 19980209 (60)
 US 1998-74092P 19980209 (60)
 US 1998-79294P 19980325 (60)
 US 1998-81049P 19980408 (60)
 US 1998-95988P 19980810 (60)
 US 1998-97000P 19980818 (60)
 US 1998-99601P 19980903 (60)
 US 1998-99803P 19980910 (60)
 US 1998-99811P 19980910 (60)
 US 1998-99812P 19980910 (60)
 US 1998-100858P 19980917 (60)
 US 1998-101922P 19980924 (60)
 US 1998-106032P 19981028 (60)
 US 1998-109304P 19981120 (60)
 US 1999-125778P 19990323 (60)
 US 1999-139695P 19990615 (60)
 US 1999-145070P 19990720 (60)
 US 1999-145698P 19990726 (60)
 US 1999-149396P 19990817 (60)
 US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNORSE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS:

39

L17 ANSWER 3 OF 10 USPATFULL (Continued)

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

75 Drawing Page(s)

LINE COUNT:

12208

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 4 OF 10 USPATFULL
ACCESSION NUMBER: 2003:64723 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (non-U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003044844 A1 20030306
APPLICATION INFO.: US 2002-66211 A1 20020201 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

PRIORITY INFORMATION:
NUMBER DATE
WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202

L17 ANSWER 4 OF 10 USPATFULL (Continued)
DOCUMENT TYPE: US 1999-169495P 19991207 (60)
FILE SEGMENT: Utility
LEGAL REPRESENTATIVE: Application
Ginger R. Dreger, Knobbe Martens Olson & Bear, 201 California Street, Suite 1150, San Francisco, CA, 94111
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12202
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 4 OF 10 USPATFULL (Continued)
WO 1999-US30999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000318
WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000523
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US22678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63229P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)

L17 ANSWER 5 OF 10 USPATFULL
ACCESSION NUMBER: 2003:57450 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003040014 A1 20030227
APPLICATION INFO.: US 2002-66269 A1 20020201 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

PRIORITY INFORMATION:
NUMBER DATE
WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202
WO 1999-US30999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000218

L17 ANSWER 5 OF 10 USPATFULL (Continued)

WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980225 (60)
US 1998-81049P 19980408 (60)
US 1998-95988P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER

L17 ANSWER 5 OF 10 USPATFULL (Continued)

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12217
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 6 OF 10 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

2001-44753 USPATFULL
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Deanoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tomas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPL. INFO.:

US 2003032063 A1 20030213
US 2002-66494 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

PRIORITY INFORMATION:

NUMBER DATE

WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202
WO 1999-US30999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000218
WO 2000-US4414 20000222
WO 2000-US5601 20000301

L17 ANSWER 6 OF 10 USPATFULL (Continued)

WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980225 (60)
US 1998-81049P 19980408 (60)
US 1998-95988P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER
DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 75 Drawing Page(s)

LINE COUNT: 12196

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 10 USPATFULL (Continued)

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 7 OF 10 USPATFULL

ACCESSION NUMBER: 2003:44752 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Deenoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljevin, Iver J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003012062	A1	20030213
APPLICATION INFO.:	US 2002-66273	A1	20020201 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1998-US14552	19980714
	WO 1998-US18824	19980910
	WO 1998-US19093	19980914
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US24855	19981120
	WO 1998-US25108	19981201
	WO 1998-US25190	19981125
	WO 1999-US5028	19990308
	WO 1999-US12252	19990602
	WO 1999-US20111	19990901
	WO 1999-US20594	19990908
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28301	19991201
	WO 1999-US28313	19991130
	WO 1999-US28565	19991202

L17 ANSWER 7 OF 10 USPATFULL (Continued)

WO 1999-US10999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000218
WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US20331 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US12678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106012P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER

L17 ANSWER 7 OF 10 USPATFULL (Continued)

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12204

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 8 OF 10 USPATFULL
ACCESSION NUMBER: 2003:44747 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003032057	A1	20030213
APPLICATION INFO.:	US 2001-2796	A1	20011115 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1998-US14552	19980714
	WO 1998-US18824	19980910
	WO 1998-US19093	19980914
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US24855	19981120
	WO 1998-US25108	19981201
	WO 1998-US25190	19981125
	WO 1999-US5028	19990308
	WO 1999-US12252	19990602
	WO 1999-US20111	19990901
	WO 1999-US20594	19990908
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28301	19991201
	WO 1999-US28313	19991130
	WO 1999-US28565	19991202
	WO 1999-US30999	19991220
	WO 2000-US219	20000105

L17 ANSWER 8 OF 10 USPATFULL (Continued)
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson & Bear, 201 California Street #1150, San Francisco, CA, 94111-3335
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12185
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 8 OF 10 USPATFULL (Continued)
ACCESSION NUMBER: 2003:44688 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

DOCUMENT TYPE:

Utility

L17 ANSWER 8 OF 10 USPATFULL (Continued)
ACCESSION NUMBER: 2002:314688 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002177165	A1	20021128
APPLICATION INFO.:	US 2002-66500	A1	20020201 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1998-US14552	19980714
	WO 1998-US18824	19980910
	WO 1998-US19093	19980914
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US24855	19981120
	WO 1998-US25108	19981201
	WO 1998-US25190	19981125
	WO 1999-US5028	19990308
	WO 1999-US12252	19990602
	WO 1999-US20111	19990901
	WO 1999-US20594	19990908
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28301	19991201
	WO 1999-US28313	19991130
	WO 1999-US28565	19991202
	WO 1999-US30999	19991220
	WO 2000-US219	20000105
	WO 2000-US4341	20000218
	WO 2000-US4342	20000218

L17 ANSWER 9 OF 10 USPATFULL (Continued)

WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980225 (60)
US 1998-81049P 19980408 (60)
US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite

L17 ANSWER 9 OF 10 USPATFULL (Continued)

1150, 201 California Street, San Francisco, CA, 94111
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12214
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L17 ANSWER 10 OF 10 USPATFULL

ACCESSION NUMBER:

2002.92033 USPATFULL

TITLE:

Radiolabeled immunotoxins

INVENTOR(S):

Vallera, Daniel A., St. Louis Park, MN, UNITED STATES
Buchsbaum, Donald J., Birmingham, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002048550	A1	20020425
APPLICATION INFO.:	US 2001-910639	A1	20010720 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-219759P	20000720 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

MARK S. ELLINGER, PH.D., Fish & Richardson P.C., Suite
2800, 45 Rockefeller Plaza, New York, NY, 10111

NUMBER OF CLAIMS:

39

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

12 Drawing Page(s)

LINE COUNT:

1504

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention features radiolabeled immunotoxins, and radiolabeled multimeric (e.g., dimeric) immunotoxins. Also encompassed by the invention are methods of killing pathogenic cells, imaging, and making radiolabeled immunotoxins and radiolabeled multimeric immunotoxins.

<C

09/910,639

Page 20

=> s l14 and (pathogenic(w)cell?)

L18 1 L14 AND (PATHOGENIC(W) CELL?)

=> d ab

L18 ANSWER 1 OF 1 USPATFULL

AB The invention features radiolabeled immunotoxins, and radiolabeled multimeric (e.g., dimeric) immunotoxins. Also encompassed by the invention are methods of killing pathogenic cells, imaging, and making radiolabeled immunotoxins and radiolabeled multimeric immunotoxins.

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09/910,639

Page 22

=> s l14 and disease?

L19 137 L14 AND DISEASE?

=> s l19 and screen?

L20 136 L19 AND SCREEN?

=> s l20 and pathogenic

L21 26 L20 AND PATHOGENIC

=> dup rem

ENTER L# LIST OR (END):l21

PROCESSING COMPLETED FOR L21

L22 26 DUP REM L21 (0 DUPLICATES REMOVED)

=> s l17 not l22

L23 10 L17 NOT L22

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

L23 ANSWER 1 OF 10 USPATFULL
 ACCESSION NUMBER: 2003:152892 USPATFULL
 TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
 INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
 Baker, Kevin P., Darnestown, MD, UNITED STATES
 Botstein, David A., Belmont, CA, UNITED STATES
 Desnoyers, Luc, San Francisco, CA, UNITED STATES
 Eaton, Dan L., San Rafael, CA, UNITED STATES
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES
 Fong, Sherman, Alameda, CA, UNITED STATES
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES
 Goddard, Audrey, San Francisco, CA, UNITED STATES
 Godowski, Paul J., Hillsborough, CA, UNITED STATES
 Gurney, Austin L., Belmont, CA, UNITED STATES
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES
 Mather, Jennie P., Millbrae, CA, UNITED STATES
 Napier, Mary A., Hillsborough, CA, UNITED STATES
 Pan, James, Belmont, CA, UNITED STATES
 Paoni, Nicholas F., Belmont, CA, UNITED STATES
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES
 Stewart, Timothy A., San Francisco, CA, UNITED STATES
 Tumas, Daniel, Orinda, CA, UNITED STATES
 Watanabe, Colin K., Moraga, CA, UNITED STATES
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
 Wood, William I., Hillsborough, CA, UNITED STATES
 Zhang, Zemin, Foster City, CA, UNITED STATES
 Genentech, Inc. (U.S. corporation)
 PATENT ASSIGNEE(S):
 NUMBER KIND DATE
 PATENT INFORMATION: US 2003104558 A1 20030605
 APPLICATION INFO.: US 2002-226739 A1 20020823 (10)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING Continuation of Ser. No. WO 2000-US14042, filed on 22 May 2000, PENDING

PRIORITY INFORMATION:
 NUMBER DATE
 WO 1999-US20111 19990901
 WO 1999-US20594 19990908
 WO 1999-US21090 19990915
 WO 1999-US21547 19990915
 WO 1999-US28313 19991130
 WO 1999-US28301 19991201
 WO 1999-US28565 19991202
 WO 2000-US219 20000105
 WO 2000-US4341 20000218
 WO 2000-US4342 20000218
 WO 2000-US4414 20000222
 WO 2000-US5601 20000301
 WO 2000-US5841 20000302
 WO 2000-US7377 20000310
 WO 2000-US8439 20000330

L23 ANSWER 2 OF 10 USPATFULL
 ACCESSION NUMBER: 2003:186798 USPATFULL
 TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
 INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
 Baker, Kevin P., Darnestown, MD, UNITED STATES
 Botstein, David, Belmont, CA, UNITED STATES
 Desnoyers, Luc, San Francisco, CA, UNITED STATES
 Eaton, Dan L., San Rafael, CA, UNITED STATES
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES
 Fong, Sherman, Alameda, CA, UNITED STATES
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES
 Goddard, Audrey, San Francisco, CA, UNITED STATES
 Godowski, Paul J., Burlingame, CA, UNITED STATES
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
 Gurney, Austin L., Belmont, CA, UNITED STATES
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES
 Kuo, Sophia S., San Francisco, CA, UNITED STATES
 Napier, Mary A., Hillsborough, CA, UNITED STATES
 Pan, James, Belmont, CA, UNITED STATES
 Paoni, Nicholas F., Belmont, CA, UNITED STATES
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES
 Shelton, David L., Oakland, CA, UNITED STATES
 Stewart, Timothy A., San Francisco, CA, UNITED STATES
 Tumas, Daniel, Orinda, CA, UNITED STATES
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
 Wood, William I., Hillsborough, CA, UNITED STATES
 PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)
 NUMBER KIND DATE
 PATENT INFORMATION: US 2003060406 A1 20030327
 APPLICATION INFO.: US 2001-918585 A1 20010730 (9)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-40220, filed on 17 Mar 1998, PENDING Continuation of Ser. No. US 1998-105413, filed on 26 Jun 1998, PENDING Continuation of Ser. No. US 1998-168978, filed on 7 Oct 1998, PENDING Continuation of Ser. No. US 1998-184216, filed on 2 Nov 1998, ABANDONED Continuation of Ser. No. US 1998-187368, filed on 6 Nov 1998, PENDING Continuation of Ser. No. US 1998-202054, filed on 7 Dec 1998, PENDING Continuation of Ser. No. US 1998-218517, filed on 22 Dec 1998, ABANDONED Continuation of Ser. No. US 1999-254465, filed on 5 Mar 1999, PENDING Continuation of Ser. No. US 1999-265686, filed on 10 Mar 1999, PENDING Continuation of Ser. No. US 1999-267213, filed on 12 Mar 1999, ABANDONED Continuation of Ser. No. US 1999-284291, filed on 12 Apr 1999, ABANDONED Continuation of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING Continuation of Ser. No. US 380137, PENDING Continuation of Ser. No. US 1999-380138, filed on 25 Aug 1999, PENDING Continuation of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation of Ser. No. US 2000-709238, filed on 8 Nov

L23 ANSWER 1 OF 10 USPATFULL (Continued)
 WO 2000-US13358 20000515
 WO 2000-US13705 20000517
 WO 2000-US14042 20000522
 WO 2000-US14941 20000530
 WO 2000-US15264 20000602
 WO 2000-US22031 20000811
 WO 2000-US23328 20000824
 WO 2000-US23522 20000823
 WO 2000-US32678 20001201
 WO 2001-US6520 20010228
 WO 2001-US17443 20010530
 WO 2001-US17800 20010601
 WO 2001-US19692 20010620
 WO 2001-US21066 20010629
 WO 2001-US21735 20010709
 US 1999-139695P 19990615 (60)
 US 1999-145070P 19990720 (60)
 US 1999-145698P 19990726 (60)
 US 1999-149396P 19990817 (60)
 US 1999-169495P 19991207 (60)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson & Bear, 16th Floor, 620 Newport Center Drive, Newport Beach, CA, 92660
 NUMBER OF CLAIMS: 39
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 75 Drawing Page(s)
 LINE COUNT: 11724
 AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 2 OF 10 USPATFULL (Continued)
 Continuation of Ser. No. US 2001-854280, filed on 10 May 2001, PENDING Continuation of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING Continuation of Ser. No. US 2001-872035, filed on 1 Jun 2001, PENDING Continuation of Ser. No. US 2001-874503, filed on 5 Jun 2001, PENDING Continuation of Ser. No. US 2001-882636, filed on 14 Jun 2001, PENDING Continuation of Ser. No. US 2001-886342, filed on 19 Jun 2001, PENDING
 NUMBER DATE
 PRIORITY INFORMATION: WO 1998-US21141 19981007
 WO 1998-US24855 19981120
 WO 1999-US106 19990105
 WO 1999-US5028 19990308
 WO 1999-US5190 19990310
 WO 1999-US10733 19990514
 WO 1999-US12252 19990602
 WO 1999-US28313 19991130
 WO 1999-US28551 19991202
 WO 1999-US28565 19991202
 WO 1999-US30095 19991216
 WO 1999-US31243 19991230
 WO 1999-US31274 19991230
 WO 2000-US219 20000105
 WO 2000-US277 20000106
 WO 2000-US3176 20000106
 WO 2000-US3565 20000211
 WO 2000-US4341 20000218
 WO 2000-US5841 20000302
 WO 2000-US7532 20000321
 WO 2000-US5004 20000224
 WO 2000-US6319 20000310
 WO 2000-US8439 20000330
 WO 2000-US13705 20000517
 WO 2000-US14042 20000522
 WO 2000-US14941 20000530
 WO 2000-US15264 20000602
 WO 2000-US20710 20000728
 WO 2000-US23328 20000824
 WO 2000-US32678 20001201
 WO 2000-US34956 20010220
 WO 2001-US6520 20010228
 WO 2001-US9552 20010322
 WO 2001-US17092 20010525
 WO 2001-US17800 20010601
 WO 2001-US19692 20010620
 WO 2001-US21066 20010629
 WO 2001-US21735 20010709
 US 1997-62250P 19971017 (60)
 US 1997-64249P 19971103 (60)
 US 1997-65311P 19971113 (60)
 US 1997-66364P 19971121 (60)

L23 ANSWER 2 OF 10 USPATFULL (Continued)

US 1998-77450P 19980310 (60)
US 1998-77632P 19980311 (60)
US 1998-77641P 19980311 (60)
US 1998-77649P 19980311 (60)
US 1998-77791P 19980312 (60)
US 1998-78004P 19980313 (60)
US 1998-78886P 19980320 (60)
US 1998-78936P 19980320 (60)
US 1998-78910P 19980320 (60)
US 1998-78939P 19980320 (60)
US 1998-79294P 19980325 (60)
US 1998-79656P 19980326 (60)
US 1998-79664P 19980327 (60)
US 1998-79689P 19980327 (60)
US 1998-79663P 19980327 (60)
US 1998-79728P 19980327 (60)
US 1998-79786P 19980327 (60)
US 1998-79920P 19980330 (60)
US 1998-79923P 19980330 (60)
US 1998-80105P 19980331 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptide of the present invention.

L23 ANSWER 3 OF 10 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

2003:64781 USPATFULL

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

Ashkenazi, Avi J., San Mateo, CA, UNITED STATES

Baker, Kevin P., Darnestown, MD, UNITED STATES

Botstein, David A., Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES

Gerritsen, Mary E., San Mateo, CA, UNITED STATES

Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Hillsborough, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Kiljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES

Napier, Mary A., Hillsborough, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoletti, Nicholas P., Belmont, CA, UNITED STATES

Roy, Margaret Ann, San Francisco, CA, UNITED STATES

Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Watanabe, Colin K., Moraga, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES

Wood, William I., Hillsborough, CA, UNITED STATES

Zheng, Zemin, Foster City, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO:

RELATED APPLN. INFO:

US 2003044902 A1 20030306

US 2002-66193 A1 20020201 (10)

Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

NUMBER DATE

PRIORITY INFORMATION:

WO 1998-US19093 19980914

WO 1998-US19330 19980916

WO 1998-US19437 19980917

WO 1998-US24855 19981120

WO 1998-US25108 19981201

WO 1998-US25190 19981125

WO 1999-US5028 19990308

WO 1999-US12252 19990602

WO 1999-US20111 19990901

WO 1999-US20594 19990908

WO 1999-US21090 19990915

WO 1999-US21547 19990915

WO 1999-US28301 19991201

WO 1999-US28313 19991130

WO 1999-US28565 19991202

WO 1999-US10999 19991220

WO 2000-US219 20000105

L23 ANSWER 3 OF 10 USPATFULL (Continued)

WO 2000-US4341 20000218
WO 2000-US4342 20000218
WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US22678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

Utility

APPLICATION

KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

39

L23 ANSWER 3 OF 10 USPATFULL (Continued)

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 4 OF 10 USPATFULL
ACCESSION NUMBER: 2003:64723 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (non-U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003044844 A1 20030306
APPLICATION INFO.: US 2002-66211 A1 20020201 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

PRIORITY INFORMATION:
NUMBER DATE
WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202

L23 ANSWER 4 OF 10 USPATFULL (Continued)
DOCUMENT TYPE: US 1999-169495P 19991207 (60)
FILE SEGMENT: Utility
LEGAL REPRESENTATIVE: APPLICATION
Ginger R. Dreger, Knobbe Martens Olson & Bear, 201 California Street, Suite 1150, San Francisco, CA, 94111
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12302
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 4 OF 10 USPATFULL (Continued)
ACCESSION NUMBER: 1999:1220
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003040014 A1 20030227
APPLICATION INFO.: US 2002-66269 A1 20020201 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
PRIORITY INFORMATION:
NUMBER DATE
WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202
WO 1999-US30999 19991220
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WO 2000-US4342 20000318
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WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
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US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
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US 1998-74086P 19980209 (60)
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US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)

L23 ANSWER 5 OF 10 USPATFULL
ACCESSION NUMBER: 2003:57450 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003040014 A1 20030227
APPLICATION INFO.: US 2002-66269 A1 20020201 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
PRIORITY INFORMATION:
NUMBER DATE
WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1999-US5028 19990308
WO 1999-US12252 19990602
WO 1999-US20111 19990901
WO 1999-US20594 19990908
WO 1999-US21090 19990915
WO 1999-US21547 19990915
WO 1999-US28301 19991201
WO 1999-US28313 19991130
WO 1999-US28565 19991202
WO 1999-US30999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000318

L23 ANSWER 5 OF 10 USPATFULL (Continued)

WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95988P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER

L23 ANSWER 6 OF 10 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

2003-44753 USPATFULL
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Deenoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kilwin, Ivor J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003032063	A1	20030213
APPLICATION INFO.:	US 2002-66494	A1	20020201 (10)
RELATED APPL. INFO.:	Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING		

PRIORITY INFORMATION:

	NUMBER	DATE
WO 1998-US19093	19980914	
WO 1998-US19330	19980916	
WO 1998-US19437	19980917	
WO 1998-US24855	19981120	
WO 1998-US25108	19981201	
WO 1998-US25190	19981125	
WO 1999-US5028	19990308	
WO 1999-US12252	19990602	
WO 1999-US20111	19990901	
WO 1999-US20594	19990908	
WO 1999-US21090	19990915	
WO 1999-US21547	19990915	
WO 1999-US28301	19991201	
WO 1999-US28313	19991130	
WO 1999-US28565	19991202	
WO 1999-US30999	19991220	
WO 2000-US219	20000105	
WO 2000-US4341	20000218	
WO 2000-US4342	20000218	
WO 2000-US4414	20000222	
WO 2000-US5601	20000301	

L23 ANSWER 5 OF 10 USPATFULL (Continued)

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 1217

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 6 OF 10 USPATFULL (Continued)

WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95988P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER
DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS: 39

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 75 Drawing Page(s)

LINE COUNT: 12196

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L23 ANSWER 6 OF 10 USPATFULL (Continued)

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 7 OF 10 USPATFULL

ACCESSION NUMBER: 2003:44752 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Aashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Deanoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Morego, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003032062	A1	20030213
APPLICATION INFO.:	US 2002-66273	A1	20020201 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1998-US14552	19980714
	WO 1998-US18824	19980910
	WO 1998-US19093	19980914
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US24855	19981120
	WO 1998-US25108	19981201
	WO 1998-US25190	19981125
	WO 1999-US5028	19990308
	WO 1999-US12252	19990602
	WO 1999-US20111	19990901
	WO 1999-US20594	19990908
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28301	19991201
	WO 1999-US28313	19991130
	WO 1999-US28565	19991202

L23 ANSWER 7 OF 10 USPATFULL (Continued)

WO 1999-US10999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000218
WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US5471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
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US 1997-59263P 19970918 (60)
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US 1997-62816P 19971024 (60)
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US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
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US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
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US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER

L23 ANSWER 7 OF 10 USPATFULL (Continued)

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 8 OF 10 USPATFULL
ACCESSION NUMBER: 2003:44747 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003032057 A1 20030213
APPLICATION INFO.: US 2001-2796 A1 20011115 (10)

NUMBER DATE
PRIORITY INFORMATION: WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1998-US5028 19990308
WO 1998-US12252 19990602
WO 1998-US20111 19990901
WO 1998-US20594 19990908
WO 1998-US21090 19990915
WO 1998-US21547 19990915
WO 1998-US28301 19991201
WO 1998-US28313 19991130
WO 1998-US28565 19991202
WO 1998-US30999 19991220
WO 2000-US219 20000105

L23 ANSWER 8 OF 10 USPATFULL (Continued)
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson & Bear, 201 California Street #1150, San Francisco, CA, 94111-3335
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12185
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 8 OF 10 USPATFULL (Continued)
WO 2000-US4341 20000218
WO 2000-US4342 20000218
WO 2000-US4414 20000218
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US22031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US23678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980325 (60)
US 1998-81049P 19980408 (60)
US 1998-95988P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106012P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)
DOCUMENT TYPE: Utility

L23 ANSWER 9 OF 10 USPATFULL
ACCESSION NUMBER: 2002:314688 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding
INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas P., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2002177165 A1 20021128
APPLICATION INFO.: US 2002-66500 A1 20020201 (10)
RELATED APPL. INFO.: Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING

NUMBER DATE
PRIORITY INFORMATION: WO 1998-US14552 19980714
WO 1998-US18824 19980910
WO 1998-US19093 19980914
WO 1998-US19330 19980916
WO 1998-US19437 19980917
WO 1998-US24855 19981120
WO 1998-US25108 19981201
WO 1998-US25190 19981125
WO 1998-US5028 19990308
WO 1998-US12252 19990602
WO 1998-US20111 19990901
WO 1998-US20594 19990908
WO 1998-US21090 19990915
WO 1998-US21547 19990915
WO 1998-US28301 19991201
WO 1998-US28313 19991130
WO 1998-US28565 19991202
WO 1998-US30999 19991220
WO 2000-US219 20000105
WO 2000-US4341 20000218
WO 2000-US4342 20000218

L23 ANSWER 9 OF 10 USPATFULL (Continued)

WO 2000-US4414 20000222
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US6471 20000309
WO 2000-US7377 20000320
WO 2000-US8439 20000330
WO 2000-US13358 20000515
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US2031 20000811
WO 2000-US23328 20000824
WO 2000-US23522 20000823
WO 2000-US32678 20001201
WO 2001-US6520 20010228
WO 2001-US17443 20010530
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1997-56974P 19970826 (60)
US 1997-59115P 19970917 (60)
US 1997-59263P 19970918 (60)
US 1997-59588P 19970919 (60)
US 1997-62285P 19971017 (60)
US 1997-62816P 19971024 (60)
US 1997-63082P 19971024 (60)
US 1997-63329P 19971027 (60)
US 1997-63733P 19971029 (60)
US 1997-66364P 19971121 (60)
US 1997-66840P 19971125 (60)
US 1997-69694P 19971216 (60)
US 1998-74086P 19980209 (60)
US 1998-74092P 19980209 (60)
US 1998-79294P 19980225 (60)
US 1998-81049P 19980408 (60)
US 1998-95998P 19980810 (60)
US 1998-97000P 19980818 (60)
US 1998-99601P 19980909 (60)
US 1998-99803P 19980910 (60)
US 1998-99811P 19980910 (60)
US 1998-99812P 19980910 (60)
US 1998-100858P 19980917 (60)
US 1998-101922P 19980924 (60)
US 1998-106032P 19981028 (60)
US 1998-109304P 19981120 (60)
US 1999-125778P 19990323 (60)
US 1999-139695P 19990615 (60)
US 1999-145070P 19990720 (60)
US 1999-145698P 19990726 (60)
US 1999-149396P 19990817 (60)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: Utility APPLICATION
Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite

L23 ANSWER 9 OF 10 USPATFULL (Continued)

1150, 201 California Street, San Francisco, CA, 94111
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12214

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 10 OF 10 USPATFULL

ACCESSION NUMBER: 2001.92033 USPATFULL
TITLE: Radiolabeled immunotoxins
INVENTOR(S): Vallera, Daniel A., St. Louis Park, MN, UNITED STATES
Buchabaum, Donald J., Birmingham, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002048550	A1	20020425
APPLICATION INFO:	US 2001-910639	A1	20010720 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-219759P	20000720 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: MARK S. ELLINGER, PH.D., Fish & Richardson P.C., Suite
2800, 45 Rockefeller Plaza, New York, NY, 10111

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 12 Drawing Page(s)

LINE COUNT: 1504

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention features radiolabeled immunotoxins, and radiolabeled multimeric (e.g., dimeric) immunotoxins. Also encompassed by the invention are methods of killing pathogenic cells, imaging, and making radiolabeled immunotoxins and radiolabeled multimeric immunotoxins.

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Page 30

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YOU HAVE REQUESTED DATA FROM 26 ANSWERS - CONTINUE? Y/(N):y

L22 ANSWER 1 OF 26 USPATFULL
ACCESSION NUMBER: 2003:153345 USPATFULL
TITLE: Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis
INVENTOR(S): Baker, Kevin P., Darnestown, MD, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Pan, James, Etobicoke, CANADA
Stephan, Jean-Philippe F., Millbrae, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William L., Hillsborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105013	A1	20030605
APPLICATION INFO.:	US 2002-223090	A1	20020816 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-81056, filed on 20 Feb		

2002, PENDING Continuation of Ser. No. WO
2001-US21735, filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 43
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 392 Drawing Page(s)
LINE COUNT: 8593

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 1 OF 26 USPATFULL (Continued)

L22 ANSWER 2 OF 26 USPATFULL
ACCESSION NUMBER: 2003:153344 USPATFULL
TITLE: Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis
INVENTOR(S): Baker, Kevin P., Darnestown, MD, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Pan, James, Etobicoke, CANADA
Stephan, Jean-Philippe F., Millbrae, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William L., Hillsborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105012	A1	20030605
APPLICATION INFO.:	US 2002-223088	A1	20020816 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-81056, filed on 20 Feb		

2002, PENDING Continuation of Ser. No. WO
2001-US21735, filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-232887P	20000915 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	392 Drawing Page(s)	
LINE COUNT:	8587	

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 2 OF 26 USPATFULL (Continued)

L22 ANSWER 3 OF 26 USPATFULL
ACCESSION NUMBER: 2003:153343 USPATFULL
TITLE: Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis
INVENTOR(S): Baker, Kevin P., Darnestown, MD, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Pan, James, Etobicoke, CANADA
Stephan, Jean-Philippe F., Millbrae, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):
NUMBER KIND DATE

PATENT INFORMATION: US 2003105011 A1 20030605
APPLICATION INFO.: US 2002-223084 A1 20020816 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-81056, filed on 20 Feb
2002, PENDING Continuation of Ser. No. WO
2001-US21735,
filed on 9 Jul 2001, PENDING Continuation of Ser. No.
WO 2001-US19692, filed on 20 Jun 2001, PENDING

NUMBER DATE

PRIORITY INFORMATION: US 2000-232887P 20000915 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 43
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 392 Drawing Page(s)
LINE COUNT: 8593

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the

L22 ANSWER 4 OF 26 USPATFULL
ACCESSION NUMBER: 2003:146750 USPATFULL
TITLE: Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis
INVENTOR(S): Baker, Kevin P., Darnestown, MD, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Pan, James, Etobicoke, CANADA
Stephan, Jean-Philippe F., Millbrae, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):
NUMBER KIND DATE

PATENT INFORMATION: US 2003100497 A1 20030529
APPLICATION INFO.: US 2002-221085 A1 20020816 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-81056, filed on 20 Feb
2002, PENDING Continuation of Ser. No. WO

2001-US21735,
filed on 9 Jul 2001, PENDING Continuation of Ser. No.
WO 2001-US19692, filed on 20 Jun 2001, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 43
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 392 Drawing Page(s)
LINE COUNT: 8617

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 3 OF 26 USPATFULL (Continued)
polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 5 OF 26 USPATFULL
ACCESSION NUMBER: 2003:146317 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tunias, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):
NUMBER KIND DATE

PATENT INFORMATION: US 2003100063 A1 20030529
APPLICATION INFO.: US 2002-213060 A1 20020805 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-52594, filed on 18 Jan
2000-US30873,
filed on 10 Nov 2000, PENDING

2002, PENDING Continuation of Ser. No. WO
filed on 10 Nov 2000, PENDING

NUMBER DATE

PRIORITY INFORMATION: US 1999-172059P 19991223 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5513

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 6 OF 26 USPATFULL
ACCESSION NUMBER: 2003:145917 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Valdez, Patricia A., San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Grawal, Iqbal, Fremont, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003099661	A1	20030529
APPLICATION INFO.:	US 2002-136574	A1	20020429 (10)

PATENT ASSIGNEE(S):

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US27099	20010829

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
35
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 4563
AB The present invention relates to compositions containing a novel protein and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 7 OF 26 USPATFULL
ACCESSION NUMBER: 2003:127167 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Pong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tunee, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003087380	A1	20030508
APPLICATION INFO.:	US 2002-211182	A1	20020805 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-52594, filed on 18 Jan		
2000-US30873,	2002, PENDING Continuation of Ser. No. WO		
	filed on 10 Nov 2000, PENDING		

PATENT ASSIGNEE(S):

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-172059P	19991223 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA Way, MS 49, South San Francisco, CA, 94080
36
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5537
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 8 OF 26 USPATFULL
ACCESSION NUMBER: 2003:119714 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tunee, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003082199	A1	20030501
APPLICATION INFO.:	US 2002-211199	A1	20020805 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-53107, filed on 17 Jan		
2000-US23522,	2002, PENDING Continuation of Ser. No. WO		
	filed on 23 Aug 2000, PENDING		

PATENT ASSIGNEE(S):

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1999-US106	19990105
	WO 1999-US20111	19990901
	WO 2000-US4142	20000218
	WO 2000-US5601	20000301
	WO 2000-US13705	20000517
	WO 2000-US14042	20000522
	WO 2000-US14941	20000530
	WO 2000-US15264	20000602
	WO 2000-US23522	20000823
	WO 2000-US23328	20000824
	WO 2000-US26278	20001201
	WO 2001-US17800	20010601
	WO 2001-US19692	20010620
	WO 2001-US21066	20010629
	WO 2001-US21735	20010709
	US 1999-151733P	19990831 (60)
	US 1998-99601P	19980909 (60)
	US 1998-107783P	19981110 (60)
	US 1998-108802P	19981117 (60)
	US 1998-113296P	19981222 (60)
	US 1999-131291P	19990427 (60)
	US 1999-151733P	19990831 (60)
	US 2000-209832P	20000605 (60)
	US 2000-232887P	20000915 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA Way, MS 49, South San Francisco, CA, 94080
34
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Page(s)
LINE COUNT: 5337
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment

L22 ANSWER 8 OF 26 USPATFULL (Continued)
of immune related diseases.

L22 ANSWER 9 OF 26 USPATFULL
ACCESSION NUMBER: 2003:113005 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003077738	A1	20030424
APPLICATION INFO.:	US 2002-213044	A1	20020805 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-52594, filed on 18 Jan		
2000-US30873,	2002, PENDING	Continuation of Ser. No. WO	
	filed on 10 Nov 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-177118P	200000120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA	

Way, MS 49, South San Francisco, CA, 94080

NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5542

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 10 OF 26 USPATFULL (Continued)

NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5542

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 10 OF 26 USPATFULL
ACCESSION NUMBER: 2003:113004 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003077737	A1	20030424
APPLICATION INFO.:	US 2002-212912	A1	20020805 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-52594, filed on 18 Jan		
2000-US30873,	2002, PENDING	Continuation of Ser. No. WO	
	filed on 10 Nov 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2000-US4342	20000218
	WO 1999-US8615	19990420
	WO 1999-US20111	19990901
	WO 1999-US28313	19991130
	WO 2000-US14941	20000530
	WO 2000-US23328	20000824
	WO 2000-US32678	20001201
	WO 2000-US30873	20001110
	US 1999-172059P	19991223 (60)
	US 1998-82899P	19980429 (60)
	US 1998-85149P	19980512 (60)
	US 1998-99598P	19980909 (60)
	US 1998-100263P	19980914 (60)
	US 1998-103315P	19981007 (60)
	US 1999-119358P	19990209 (60)
	US 1999-131293P	19990427 (60)
	US 1999-170262P	19991209 (60)
	US 1999-172059P	19991223 (60)
	US 2000-175481P	20000111 (60)
	US 2000-177118P	20000120 (60)
	US 2000-187202P	20000303 (60)
	US 2000-209832P	20000605 (60)
	US 2000-232887P	20000915 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA
Way, MS 49, South San Francisco, CA, 94080

L22 ANSWER 11 OF 26 USPATFULL
ACCESSION NUMBER: 2003:19793 USPATFULL
TITLE: Interleukin-8 homologous polypeptides and therapeutic uses thereof.
INVENTOR(S): Eaton, Dan L., San Rafael, CA, UNITED STATES
French, Dorothy, Redwood City, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Pisabarro, Maria Teresa, Dresden, GERMANY, FEDERAL REPUBLIC OF
Schmidt, Kerstin N., San Francisco, CA, UNITED STATES
Smith, Victoria, Burlingame, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Vandlen, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065154	A1	20030403
APPLICATION INFO.:	US 2001-15967	A1	20011207 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 180137, PENDING		
Nov	Continuation of Ser. No. US 2000-709238, filed on 8		
	2000, UNKNOWN Continuation of Ser. No. US 2001-941992, filed on 28 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US6520	20010228
	WO 2000-US8439	20000330
	WO 2000-US23328	20000824

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Page(s)
LINE COUNT: 5452

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides having structural homology to IL-8 and to nucleic acid molecules encoding those

polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treatment and diagnosis of inflammatory diseases.

L22 ANSWER 12 OF 26 USPATFULL
ACCESSION NUMBER: 2003:85834 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003059437 A1 20030327
APPLICATION INFO.: US 2002-213145 A1 20020805 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-53107, filed on 17 Jan
2002, PENDING Continuation of Ser. No. WO
2000-US23522, filed on 23 Aug 2000, PENDING
NUMBER DATE
PRIORITY INFORMATION: US 1999-151733P 19990831 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA
Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS: 34
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Page(s)
LINE COUNT: 5336
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 14 OF 26 USPATFULL
ACCESSION NUMBER: 2003:78522 USPATFULL
TITLE: IL-17 homologous polypeptides and therapeutic uses thereof
INVENTOR(S): Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin, Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
VanLookeren, Menno, San Francisco, CA, UNITED STATES
Vandien, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Yanaura, Daniel, Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003054442 A1 20030320
APPLICATION INFO.: US 2001-908827 A1 20010718 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING Continuation of Ser. No. US 1999-380138, filed on 25 Aug 1999, PENDING
Continuation of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING Continuation of Ser. No. US 2000-747259, filed on 20 Dec 2000, PENDING
Continuation of Ser. No. US 2001-816744, filed on 22 Mar 2001, PENDING Continuation of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING
Continuation of Ser. No. US 2001-854280, filed on 10 May 2001, PENDING
NUMBER DATE
PRIORITY INFORMATION: WO 1999-US5028 19990308
WO 1999-US10733 19990514
WO 1999-US31274 19991230
WO 2000-US4341 20000218
WO 2000-US5601 20000301
WO 2000-US5841 20000302
WO 2000-US7532 20000321
WO 2000-US15264 20000602
WO 2000-US23328 20000824
WO 2000-US30873 20001110
WO 2000-US32678 20001201
WO 2000-US34956 20001220
WO 2001-US6520 20010228
US 1998-85579P 19980515 (60)
US 1998-113621P 19981223 (60)
US 1999-110232P 19990421 (60)
US 1999-131022P 19990426 (60)

L22 ANSWER 13 OF 26 USPATFULL
ACCESSION NUMBER: 2003:78564 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2003054484 A1 20030320
APPLICATION INFO.: US 2002-313181 A1 20020805 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2002-53594, filed on 18 Jan
2002, PENDING Continuation of Ser. No. WO
2000-US30873, filed on 10 Nov 2000, PENDING
NUMBER DATE
PRIORITY INFORMATION: WO 2000-US4342 20000218
WO 1999-US8615 19990420
WO 1999-US20111 19990901
WO 1999-US28313 19991130
WO 2000-US14941 20000530
WO 2000-US23328 20000824
WO 2000-US32678 20001201
WO 2000-US30873 20001110
US 2000-175481P 20000111 (60)
US 2000-177118P 20000120 (60)
US 2000-187262P 20000303 (60)
US 2000-209832P 20000605 (60)
US 2000-232887P 20000915 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA
Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5524
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

L22 ANSWER 14 OF 26 USPATFULL (Continued)
US 1999-134287P 19990514 (60)
US 1999-138387P 19990609 (60)
US 1999-172096P 19991223 (60)
US 2000-175481P 20000111 (60)
US 2000-191007P 20000321 (60)
US 2000-213807P 20000622 (60)
US 2000-242837P 20001024 (60)
US 2000-244072P 20001026 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 47 Drawing Page(s)
LINE COUNT: 8091
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 15 OF 26 USPATFULL
ACCESSION NUMBER: 2003:11111 USPATFULL
TITLE: IL-17 homologous polypeptides and therapeutic uses thereof
INVENTOR(S): Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, Christopher, San Francisco, CA, UNITED STATES
STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
VanLookeren, Menno, San Francisco, CA, UNITED STATES
Vandien, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Yansura, Daniel G., Pacifica, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)
NUMBER KIND DATE
PATENT INFORMATION: US 2003008815 A1 20030109
US 6569645 B2 20030527
APPLICATION INFO.: US 2000-747259 A1 20001220 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING Continuation-in-part of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING Continuation-in-part of Ser. No. WO 2000-US4341, filed on 18 Feb 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US23328, filed on 24 Aug 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US32678, filed on 1 Dec 2000, UNKNOWN Continuation-in-part of Ser. No. WO 1999-US11274, filed on 30 Dec 1999, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US7532, filed on 21 Mar 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US5841, filed on 2 Mar 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US15264, filed on 2 Jun 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US30873, filed on 10 Nov 2000, UNKNOWN
NUMBER DATE
PRIORITY INFORMATION: US 2000-253646P 20001128 (60)
US 1999-172096P 19991223 (60)
US 2000-175481P 20000111 (60)
US 2000-191007P 20000321 (60)
US 2000-213807P 20000622 (60)
US 2000-242837P 20001024 (60)
DOCUMENT TYPE: Utility

L22 ANSWER 16 OF 26 USPATFULL
ACCESSION NUMBER: 2003:3511 USPATFULL
TITLE: IL-17 homologous polypeptides and therapeutic uses thereof
INVENTOR(S): Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul, Burlingame, CA, UNITED STATES
Grimaldi, Christopher, San Francisco, CA, UNITED STATES
STATES
Gurney, Austin, Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
VanLookeren, Menno, San Francisco, CA, UNITED STATES
Vandien, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Yansura, Daniel, Pacifica, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)
NUMBER KIND DATE
PATENT INFORMATION: US 2001003546 A1 20030102
APPLICATION INFO.: US 2001-816744 A1 20010322 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING
NUMBER DATE
PRIORITY INFORMATION: WO 2001-US6520 20010228
WO 2000-US34956 20001220
WO 2000-US32678 20001201
WO 2000-US30873 20001110
WO 2000-US23328 20000824
WO 2000-US15264 20000602
WO 2000-US7532 20000321
WO 2000-US5841 20000302
WO 2000-US5601 20000301
WO 2000-US4341 20000218
WO 1999-US11274 19991230
WO 1999-US10733 19990514
WO 1999-US5028 19990308
US 2000-253646P 20001128 (60)
US 2000-244072P 20001026 (60)
US 2000-242837P 20001024 (60)
US 2000-213807P 20000622 (60)
US 2000-191007P 20000321 (60)
US 2000-175481P 20000111 (60)
US 1999-172096P 19991223 (60)
US 1999-138387P 19990609 (60)
US 1999-134287P 19990514 (60)
US 1999-131022P 19990426 (60)
US 1999-130232P 19990421 (60)
US 1998-113621P 19981223 (60)
US 1998-85579P 19980515 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,

L22 ANSWER 15 OF 26 USPATFULL (Continued)
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 47 Drawing Page(s)
LINE COUNT: 8685
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
L22 ANSWER 16 OF 26 USPATFULL (Continued)
NUMBER OF CLAIMS: 94080
EXEMPLARY CLAIM: 60
NUMBER OF DRAWINGS: 48 Drawing Page(s)
LINE COUNT: 7774
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides having sequence identity with IL-17, IL-17 receptors and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treating degenerative cartilaginous disorders and other inflammatory diseases.

L22 ANSWER 17 OF 26 USPATFULL
ACCESSION NUMBER: 2002:337393 USPATFULL
TITLE: Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tunas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wopd, William I., Hillsborough, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2002192752 A1 20021219
APPLICATION INFO.: US 2002-53107 A1 20020117 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-218517, filed on 22 Dec 1998, ABANDONED
NUMBER DATE
PRIORITY INFORMATION: WO 1999-US106 19990105
WO 1999-US20111 19990901
WO 2000-US4342 20000218
WO 2000-US5601 20000301
WO 2000-US13705 20000517
WO 2000-US14042 20000522
WO 2000-US14941 20000530
WO 2000-US15264 20000602
WO 2000-US23522 20000823
WO 2000-US23328 20000824
WO 2000-US32678 20001201
WO 2001-US17800 20010601
WO 2001-US19692 20010620
WO 2001-US21066 20010629
WO 2001-US21735 20010709
US 1998-99601P 19980909 (60)
US 1998-107783P 19981110 (60)
US 1998-108802P 19981117 (60)
US 1998-113296P 19981222 (60)
US 1999-131291P 19990427 (60)
US 1999-151733P 19990831 (60)
US 2000-209832P 20000605 (60)
US 2000-232887P 20000915 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1 DNA Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS: 34
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Page(s)
LINE COUNT: 5831
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment

L22 ANSWER 17 OF 26 USPATFULL (Continued)
of immune related diseases.

L22 ANSWER 18 OF 26 USPATFULL
ACCESSION NUMBER: 2002:322509 USPATFULL
TITLE: IL-17 homologous polypeptides and therapeutic uses thereof
INVENTOR(S): Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
French, Dorothy, Redwood City, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Hymowitz, Sarah G., San Francisco, CA, UNITED STATES
Li, Manzhong, San Mateo, CA, UNITED STATES
Pan, James, Zitobicoke, CANADA
Starovskanik, Melissa A., San Francisco, CA, UNITED STATES
Tunas, Daniel, Orinda, CA, UNITED STATES
Van Lookeren, Menno, San Francisco, CA, UNITED STATES
Vandlen, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Yanase, Daniel G., Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
PATENT INFORMATION: US 2002182673 A1 20021205
APPLICATION INFO.: US 2001-157 A1 20011030 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-931836, filed on 16 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2001-929404, filed on 13 Aug 2001, PENDING
Continuation-in-part of Ser. No. US 2001-918585, filed on 30 Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-908827, filed on 18 Jul 2001, PENDING
Continuation-in-part of Ser. No. US 2001-874503, filed on 5 Jun 2001, PENDING Continuation-in-part of Ser. No. US 2001-854280, filed on 10 May 2001, PENDING
Continuation-in-part of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING Continuation-in-part of Ser. No. US 2001-816744, filed on 22 Mar 2001, PENDING
Continuation-in-part of Ser. No. US 2000-747259, filed on 20 Dec 2000, PENDING Continuation-in-part of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING
Continuation-in-part of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-180118, filed on 25 Aug 1999, PENDING
Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING
No. US 2001-854280, filed on 10 May 2001, PENDING
Continuation-in-part of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING Continuation-in-part of Ser. No. US 2001-816744, filed on 22 Mar 2001, PENDING
Continuation-in-part of Ser. No. US 2000-747259, filed on 20 Dec 2000, PENDING Continuation-in-part of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING
Continuation-in-part of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-180118, filed on 25 Aug 1999, PENDING
Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING
NUMBER DATE
PRIORITY INFORMATION: WO 2001-US21735 20010709
WO 2001-US21066 20010629
WO 2001-US19692 20010620
WO 2001-US17800 20010601
WO 2001-US6520 20010228

L22 ANSWER 18 OF 26 USPATFULL (Continued)
WO 2000-US34956 20001220
WO 2000-US12678 20001201
WO 2000-US30873 20001110
WO 2000-US23328 20000824
WO 2000-US15264 20000602
WO 2000-US7532 20000321
WO 2000-US5841 20000302
WO 2000-US5601 20000301
WO 2000-US4341 20000218
WO 1999-US31274 19991230
WO 1999-US10733 19990514
WO 1999-US5028 19990308
US 2000-253646P 20001128 (60)
US 2000-244072P 20001026 (60)
US 2000-242837P 20001024 (60)
US 2000-213807P 20000622 (60)
US 2000-191007P 20000321 (60)
US 2000-175481P 20000111 (60)
US 1999-172096P 19991223 (60)
US 1999-138387P 19990609 (60)
US 1999-134287P 19990514 (60)
US 1999-131022P 19990426 (60)
US 1999-130232P 19990421 (60)
US 1998-111621P 19981223 (60)
US 1998-85579P 19980515 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 70 Drawing Page(s)
LINE COUNT: 8889
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides having sequence identity with IL-17, IL-17 receptors and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treating degenerative cartilaginous disorders and other inflammatory diseases.

L22 ANSWER 19 OF 26 USPATFULL
ACCESSION NUMBER: 2002:322045 USPATFULL
TITLE: Compounds, compositions and methods for the treatment of diseases characterized by A-33 related antigens
INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Pong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
US 2002182206 A1 20021205
US 2001-953499 A1 20010914 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-254465, filed on 5 Mar
1999, PENDING A 371 of International Ser. No. WO 1998-US24855, filed on 20 Nov 1998, UNKNOWN A 371 of International Ser. No. WO 1998-US19437, filed on 17 Nov
1998, UNKNOWN

NUMBER DATE
US 1998-78936P 19980320 (60)
US 1997-66364P 19971121 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 48
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Page(s)
LINE COUNT: 5060
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions and methods of treating and diagnosing disorders characterized by the presence of antigens associated with inflammatory diseases and/or cancer, and nucleotide sequences, including expressed sequence tags (ESTs), oligonucleotide probes, polypeptides, vectors and host cells expressing such antigens PRO301, PRO362 or PRO245.

L22 ANSWER 20 OF 26 USPATFULL (Continued)
ACCESSION NUMBER: 2002:322045 USPATFULL
TITLE: Compounds, compositions and methods for the treatment of diseases characterized by A-33 related antigens
INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Pong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
US 2002182206 A1 20021205
US 2001-953499 A1 20010914 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-254465, filed on 5 Mar
1999, PENDING A 371 of International Ser. No. WO 1998-US24855, filed on 20 Nov 1998, UNKNOWN A 371 of International Ser. No. WO 1998-US19437, filed on 17 Nov
1998, UNKNOWN
NUMBER DATE
US 1998-78936P 19980320 (60)
US 1997-66364P 19971121 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 48
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Page(s)
LINE COUNT: 5060
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions and methods of treating and diagnosing disorders characterized by the presence of antigens associated with inflammatory diseases and/or cancer, and nucleotide sequences, including expressed sequence tags (ESTs), oligonucleotide probes, polypeptides, vectors and host cells expressing such antigens PRO301, PRO362 or PRO245.

L22 ANSWER 21 OF 26 USPATFULL
ACCESSION NUMBER: 2002:307542 USPATFULL
TITLE: Human interferon-epsilon: a type I interferon
INVENTOR(S): Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Pong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Gurney, Austin, Belmont, CA, UNITED STATES
Li, Ranzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Francisco, CA, UNITED STATES
Hymowitz, Sarah G., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Starovaanik, Melissa A., San Francisco, CA, UNITED STATES
Lookeren, Menno Van, San Francisco, CA, UNITED STATES
Vandien, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Yaneura, Daniel G., Pacifica, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
PATENT ASSIGNEE(S):
NUMBER KIND DATE
US 2002177188 A1 20021128
US 2001-874503 A1 20010605 (9)
PRIORITY INFORMATION: WO 2001-US6520 20010228
WO 2000-US34956 20001220
WO 2000-US32678 20001201
WO 2000-US30873 20001110
WO 2000-US23328 20000824
WO 2000-US15264 20000602
WO 2000-US7532 20000321
WO 2000-US5841 20000302
WO 2000-US5601 20000301
WO 2000-US4341 20000218
WO 1999-US31274 19991230
WO 1999-US10733 19990514
WO 1999-US5028 19990308
US 2000-253646P 20001128 (60)
US 2000-244072P 20001026 (60)
US 2000-242877P 20001024 (60)
US 2000-213807P 20000622 (60)
US 2000-191007P 20000321 (60)
US 2000-175481P 20000111 (60)
US 1999-172096P 19991223 (60)
US 1999-138387P 19990609 (60)
US 1999-134287P 19990514 (60)
US 1999-131022P 19990426 (60)
US 1999-130232P 19990421 (60)
PRIORITY INFORMATION: WO 1998-US25672 19981203
US 1998-106463P 19981030 (60)
US 1998-84045P 19980504 (60)
US 1997-67897P 19971208 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 3710
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a novel human interferon-epsilon, originally designated PRO655, and its variants and derivatives. The novel interferon is related to but distinct from members of the IFN-alpha family and from IFN-beta and -gamma. Nucleic acid encoding the novel polypeptide, and methods and means for their recombinant production are also included.

L22 ANSWER 22 OF 26 USPATFULL
ACCESSION NUMBER: 2002:227938 USPATFULL
TITLE: Novel inhibitor of hepatocyte growth factor activator
for use in modulation of angiogenesis and
cardiovascularization
INVENTOR(S): Gurney, Austin L., Belmont, CA, UNITED STATES
Kirchhofer, Daniel K., Los Altos, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002123091	A1	20020905
APPLICATION INFO.:	US 2000-742201	A1	20001219 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2000-US3565	20000211
	WO 2000-US6884	20000315
	US 2000-253665P	20001128 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

NUMBER OF CLAIMS: 54
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 6377

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

and In addition, the present invention is directed to novel polypeptides to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L22 ANSWER 34 OF 26 USPATFULL
ACCESSION NUMBER: 2001:173134 USPATFULL
TITLE: Human interferon-epsilon: a type I interferon
INVENTOR(S): Chen, Jian, San Mateo, CA, United States
Godowski, Paul, Burlingame, CA, United States
Wood, William I., Hillsborough, CA, United States
Zhang, Dong-Xiao, Burlingame, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., So. San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6299869	B1	20011009
	WO 9929863		19990617
APPLICATION INFO.:	US 1999-202122		19990304 (9)
	WO 1998-US25672		19981203
			19990304 PCT 371 date
			19990304 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-106463P	19981030 (60)
	US 1998-84045P	19980504 (60)
	US 1997-67897P	19971208 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kemmerer, Elizabeth
ASSISTANT EXAMINER: Andres, Janet L.
LEGAL REPRESENTATIVE: Agarwal, Atulya R.
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 3713

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a human interferon-epsilon, originally designated PRO655, and its variants and derivatives. The interferon is related to but distinct from members of the IFN- α family and from IFN- β and - γ . Nucleic acid encoding the polypeptide, and methods and means for their recombinant production are also included.

L22 ANSWER 23 OF 26 USPATFULL
ACCESSION NUMBER: 2002:152775 USPATFULL
TITLE: Nucleic acids encoding A-33 related antigen polypeptides
INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, United States
Pong, Sherman, Alameda, CA, United States
Goddard, Audrey, San Francisco, CA, United States
Gurney, Austin L., Belmont, CA, United States
Napier, Mary A., Hillsborough, CA, United States
Tumes, Daniel, Orinda, CA, United States
Wood, William I., Hillsborough, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6410708	B1	20020625
	WO 9927098		19990603
APPLICATION INFO.:	US 1999-254465		19990305 (9)
	WO 1998-US24855		19981120
			19990305 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-78936P	19980320 (60)
	US 1997-66364P	19971121 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Chen, Christina Y.
ASSISTANT EXAMINER: Roark, Jessica H.
LEGAL REPRESENTATIVE: Barnes, Elizabeth M.
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 28 Drawing Figure(s); 24 Drawing Page(s)
LINE COUNT: 4361

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions and methods of treating and diagnosing disorders characterized by the presence of antigens associated with inflammatory diseases and/or cancer, and nucleotide sequences, including expressed sequence tags (ESTs), oligonucleotide probes, polypeptides, vectors and host cells expressing such antigens PRO301, PRO362 or PRO245.

L22 ANSWER 25 OF 26 USPATFULL
ACCESSION NUMBER: 2001:36629 USPATFULL
TITLE: Human interferon-epsilon.(IFN-epsilon.), a type I interferon
INVENTOR(S): Chen, Jian, Plainsboro, NJ, United States
Godowski, Paul J., Burlingame, CA, United States
Wood, William I., Hillsborough, CA, United States
Zhang, Dong-Xiao, Burlingame, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., So. San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6200780	B1	20010313
APPLICATION INFO.:	US 1998-206903		19981207 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-67897P	19971208 (60)
	US 1998-84045P	19980504 (60)
	US 1998-106463P	19981030 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Fitzgerald, David L.
LEGAL REPRESENTATIVE: Kresnak, Mark T., Agarwal, Atulya R.
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1, 13, 22
NUMBER OF DRAWINGS: 1980 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 3679

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a novel human interferon-epsilon, originally designated PRO655, and its variants and derivatives. The novel interferon is related to but distinct from members of the IFN- α family and from IFN- β and - γ . Nucleic acid encoding the novel polypeptide, and methods and means for their recombinant production are also included.

L22 ANSWER 26 OF 26 USPATFULL
ACCESSION NUMBER: 2001:4261 USPATFULL
TITLE: Antibody formulation
INVENTOR(S): Lam, Xanthé M., San Francisco, CA, United States
Oaswein, James Q., Moss Beach, CA, United States
Ongpipattanakul, Boonari, Bangkok, Thailand
Shahrokh, Zahra, San Francisco, CA, United States
Wang, Sharon X., San Mateo, CA, United States
Weissburg, Robert P., Greenville, DE, United States
Wong, Rita L., San Mateo, CA, United States
PATENT ASSIGNER(S): Genentech, Inc., South San Francisco, CA, United States
States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6171586	B1	20010109
APPLICATION INFO.:	US 1998-97171		19980612 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-53087P	19970613 (60)
DOCUMENT TYPE:	Patent	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Nolan, Patrick	
ASSISTANT EXAMINER:	DiBrino, Marianne	
LEGAL REPRESENTATIVE:	Tan, Lee K., Lee, Wendy M.	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	38 Drawing Figure(s); 25 Drawing Page(s)	
LINE COUNT:	2691	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stable aqueous pharmaceutical formulation comprising a therapeutically

effective amount of an antibody not subjected to prior lyophilization, a buffer maintaining the pH in the range from about 4.5 to about 6.0, a surfactant and a polyol is described, along with uses for such a formulation.